


Sheet 1 of 1

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 1232-4544		SERIAL NO. 09/334,510		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Koichi ABE				
				FILING DATE June 21, 1999		GROUP ART UNIT 2853		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
S.E.		9-91241	4/4/97	Japan			X	
S.E.		9-39218	2/10/97	Japan (w/ English Abstract)				
S.E.		6-176114	6/24/94	Japan (w/ English Abstract)				
						TC		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)								
		Japanese Office Action dated 7/19/99.						
EXAMINER 					DATE CONSIDERED 11/12/02			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

M&F REV. 06/29/95